



Mineral Industry Surveys

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GYPSUM IN MAY 2003

Producers mined 1.41 million metric tons (Mt) of gypsum in May 2003 (table 1). Output was 5% more than that of April 2003 and 22% more than that of May 2002. Synthetic gypsum production was 632,000 metric tons (t) in May 2003 (table 1), which was 5% less than that of April 2003 and 48% more than that of May 2002. Both mined and synthetic gypsum are used as raw material for wallboard. During January through April 2003, synthetic gypsum accounted for 2.65 Mt, or about 26% of the 10.2 Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 626,000 t (table 2), 35% more than that of April 2003, and 10% more than that of May 2002.

Output of calcined gypsum (table 1) was 1.77 Mt, slightly more than that of April 2003, and 4% more than that of May 2002. Sales of board products were about 2.6 billion square feet

(238 million square meters), 2% less than that of April 2003, and 2% less than that of May 2002.

Import and export data for May 2003 were not available at the time of publication. Imports of crude gypsum in April 2003 were 663,000 t (table 3), slightly less than that of March 2003, and 11% less than that of April 2002. Gypsum wallboard imports, principally from Canada, for April 2003 were 32,000 t, equivalent to 38 million square feet (3.6 million square meters). These imports were 3% more than that of March 2003, and 29% less than those of April 2002. Wallboard exports to 21 countries and territories in April 2003 were 3,300 t, equivalent to 3.9 million square feet (367,000 square meters). These exports were 3% less than those of March 2003, and 56% less than those of April 2002.

TABLE 1
GYPSUM SUPPLY^{1, 2}

(Metric tons)

	2003			2002
	May	April	January-May	January-May
Crude:				
Mined: ³	1,410,000	1,340,000	6,650,000	6,500,000
Imported ⁴	NA	663,000	NA	3,320,000
Exported ⁴	NA	13,900	NA	102,000
Synthetic gypsum ⁵	632,000	663,000	3,280,000	2,220,000
Total supply	NA	2,660,000	NA	11,900,000
Calcined:				
Produced	1,770,000	1,770,000	8,660,000	9,170,000
Imported ⁶	NA	554	NA	9,560
Exported ⁶	NA	20,600	NA	103,000
Total supply	NA	1,750,000	NA	9,080,000

NA Not available.

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Some data were estimated from semiannual reports.

⁴Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

⁵Reported production only.

⁶Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE^{1, 2}

(Metric tons, unless otherwise specified)

	2003			2002
	May	April	January-May	January-May
Uncalcined: ³				
Portland cement	405,000	262,000	1,480,000	1,420,000
Agriculture and miscellaneous	221,000	201,000	1,050,000	1,100,000
Total	626,000	463,000	2,530,000	2,520,000
Calcined:				
Board products ⁴	2,150,000	2,180,000	10,700,000	10,800,000
Plaster	28,000	30,100	140,000	162,000
Total	2,170,000	2,210,000	10,800,000	11,000,000
Board products: (Thousand square feet) ⁵				
Regular board	1,540,000	1,570,000	7,730,000	7,650,000
Type X board	791,000	805,000	3,890,000	4,020,000
Other	246,000	249,000	1,190,000	1,330,000
Total supply	2,580,000	2,620,000	12,800,000	13,000,000

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Does not include synthetic gypsum from electric power plants.

⁴Includes weight of paper and other materials.

⁵One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION¹

(Metric tons)

Country of origin	2003			2002
	April	March	January-April	January-April
Argentina	--	--	18	--
Austria	--	14	14	--
Canada	485,000	389,000	1,540,000	1,830,000
Dominican Republic	--	26,000	38,500	--
Guatemala	--	--	22	--
Italy	10	--	10	--
Japan	--	--	--	3
Korea, Republic of	--	--	--	198
Mexico	148,000	143,000	535,000	596,000
Spain	31,100	109,000	251,000	283,000
Sweden	--	--	2	--
United Kingdom	--	18	18	53
Total	663,000	668,000	2,360,000	2,710,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES^{1,2}

(Thousand metric tons)

Period	Consumption ³	Production ⁴	Imports ⁵	Exports ⁵
2002:				
April	2,180	1,450	749	20
May	1,890	1,150	752	16
June	1,670	1,070	671	62
July	1,730	1,020	727	14
August	2,120	1,550	634	60
September	2,190	1,570	631	14
October	2,020	1,470	569	18
November	1,970	1,250	730	13
December	1,740	1,210	548	15
January-December	23,300	15,700	7,970	343
2003:				
January	2,090	1,550	555	16
February	1,810	1,340	478	16
March	1,670	1,010	668	12
April	1,990	1,350	663	14
May	NA	1,410	NA	NA

NA Not available.

¹Excludes synthetic gypsum.

²Data are rounded to no more than three significant digits.

³Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

⁴Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvass of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

⁵Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS^{1, 2}

(Thousand square feet)³

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2003:											
May:											
Lath	--	18	--	2	2	--	--	--	25	--	47
Veneer base	21,600	2,190	7,340	541	8,290	125	86	312	1,560	27	42,100
Sheathing	1,120	3,680	4,010	5,430	10,900	2,270	9,980	5,540	8,780	1,050	52,800
Regular gypsum board	38,000	133,000	195,000	89,400	436,000	96,500	198,000	147,000	182,000	23,400	1,540,000
Type X gypsum board	24,800	81,300	113,000	57,400	127,000	24,400	83,600	97,000	176,000	6,180	791,000
Predecorated board	314	670	944	519	1,630	309	930	361	476	48	6,200
5/16 Mobile home board	--	1,320	6,670	--	11,500	16,900	7,410	1,080	1,090	38	46,000
Water/moisture resistant board	4,580	17,000	12,100	5,190	20,400	3,280	10,900	8,230	14,300	3,460	99,400
Total	90,400	239,000	339,000	158,000	616,000	144,000	310,000	260,000	385,000	34,200	2,580,000
January-May:											
Lath	16	115	103	2	40	6	--	--	253	--	536
Veneer base	104,000	13,100	37,200	4,110	41,700	184	567	1,840	8,260	94	212,000
Sheathing	5,310	16,100	18,400	24,000	49,200	10,200	45,200	26,800	43,500	4,170	243,000
Regular gypsum board	196,000	673,000	1,050,000	521,000	2,110,000	507,000	956,000	717,000	893,000	108,000	7,730,000
Type X gypsum board	116,000	388,000	580,000	325,000	613,000	128,000	417,000	467,000	815,000	35,600	3,890,000
Predecorated board	1,800	2,910	4,690	2,610	5,860	1,780	4,210	1,920	3,240	483	29,500
5/16 Mobile home board	--	5,620	28,200	22	52,400	71,600	32,300	6,440	5,150	185	202,000
Water/moisture resistant board	22,500	85,400	68,500	29,400	105,000	19,100	51,900	40,500	68,600	13,700	504,000
Total	446,000	1,180,000	1,790,000	906,000	2,980,000	738,000	1,510,000	1,260,000	1,840,000	162,000	12,800,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, OH, MI, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

³One square meter equals 10.78 square feet.

Source: Gypsum Association.